

FIG.1

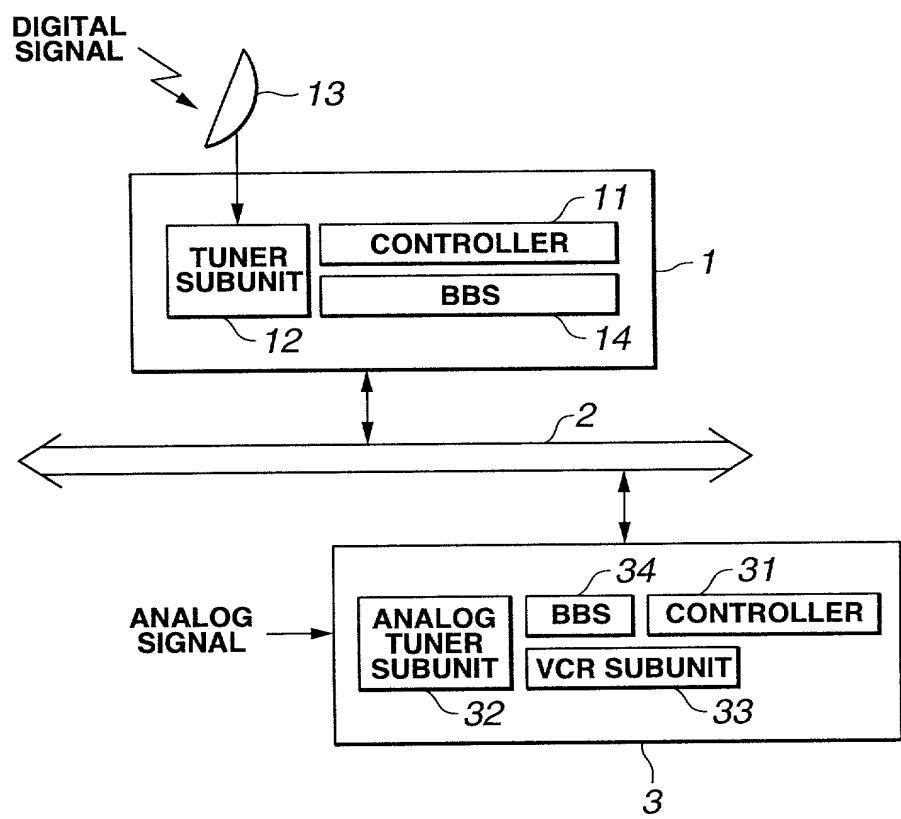
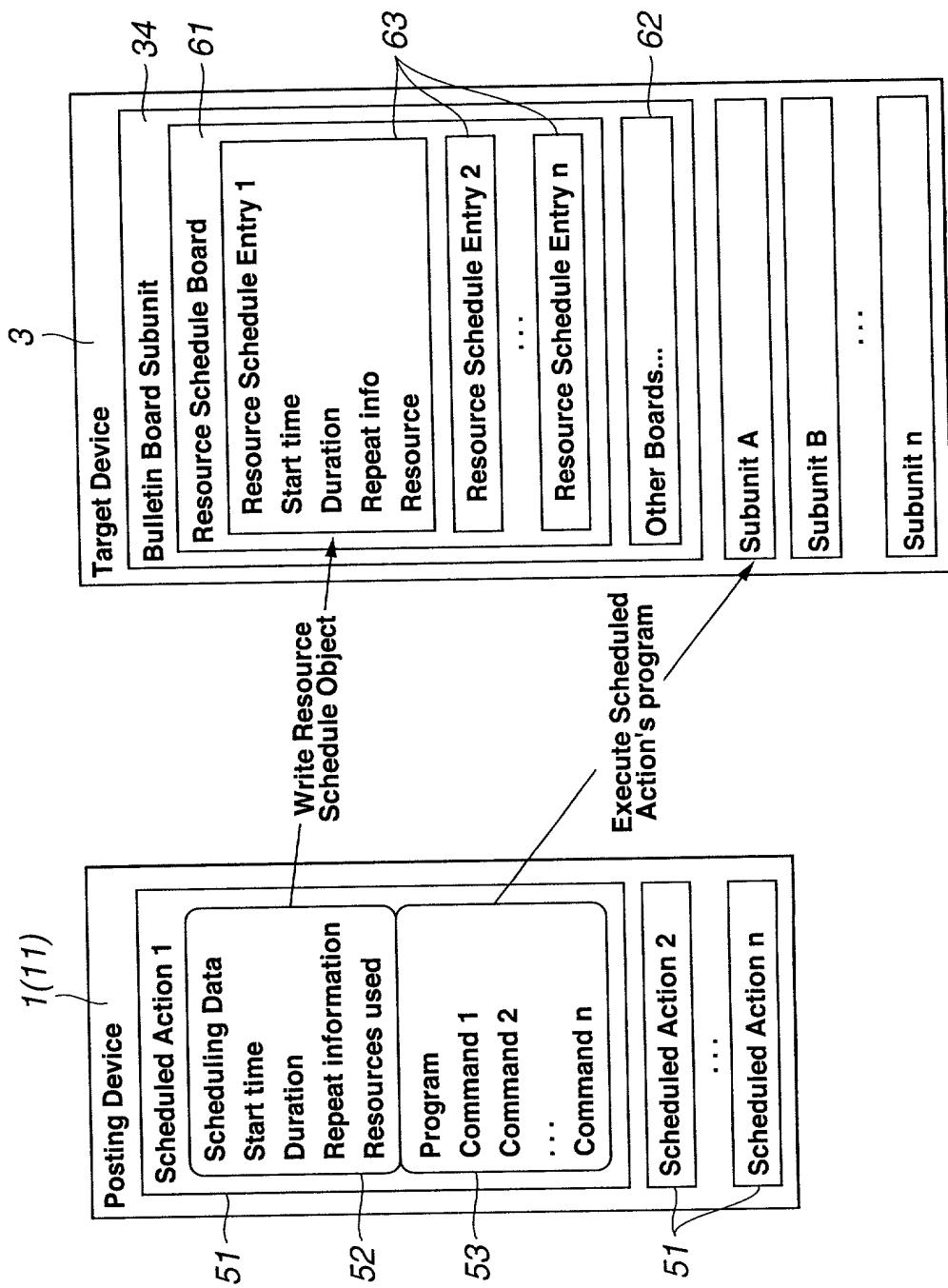


FIG.2

FIG.3



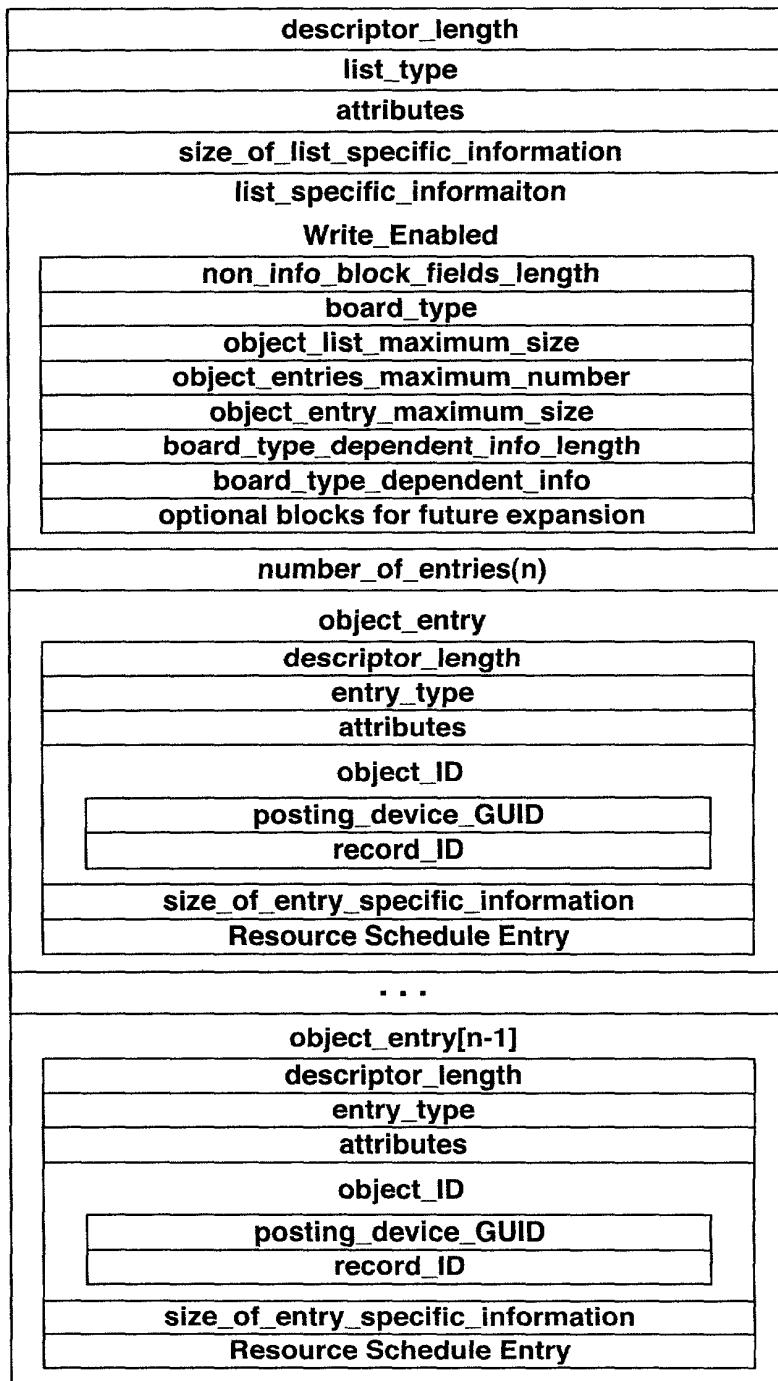


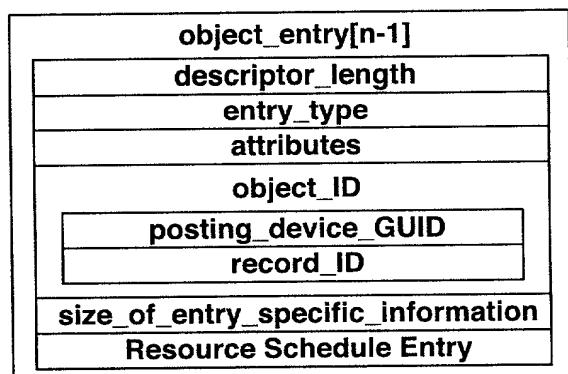
FIG.4

Address_offset	Contents
00 ₁₆	non_info_block_fields_length
01 ₁₆	
02 ₁₆	board_type
03 ₁₆	object_list_maximum_size
04 ₁₆	
05 ₁₆	object_entries_maximum_number
06 ₁₆	
07 ₁₆	object_entry_maximum_size
08 ₁₆	
09 ₁₆	board_type_dependent_information_length
0A ₁₆	
0B ₁₆	
0C ₁₆	board_type_dependent_information
0D ₁₆	
:	
:	
:	optional info blocks for future expansion

FIG.5

Value	Board type
00_{16}	Reserved
01_{16}	Resource Schedule Board
$02_{16}\text{-}FF_{16}$	Reserved for future specification

FIG.6



Resource Schedule Entry high level view

FIG.7

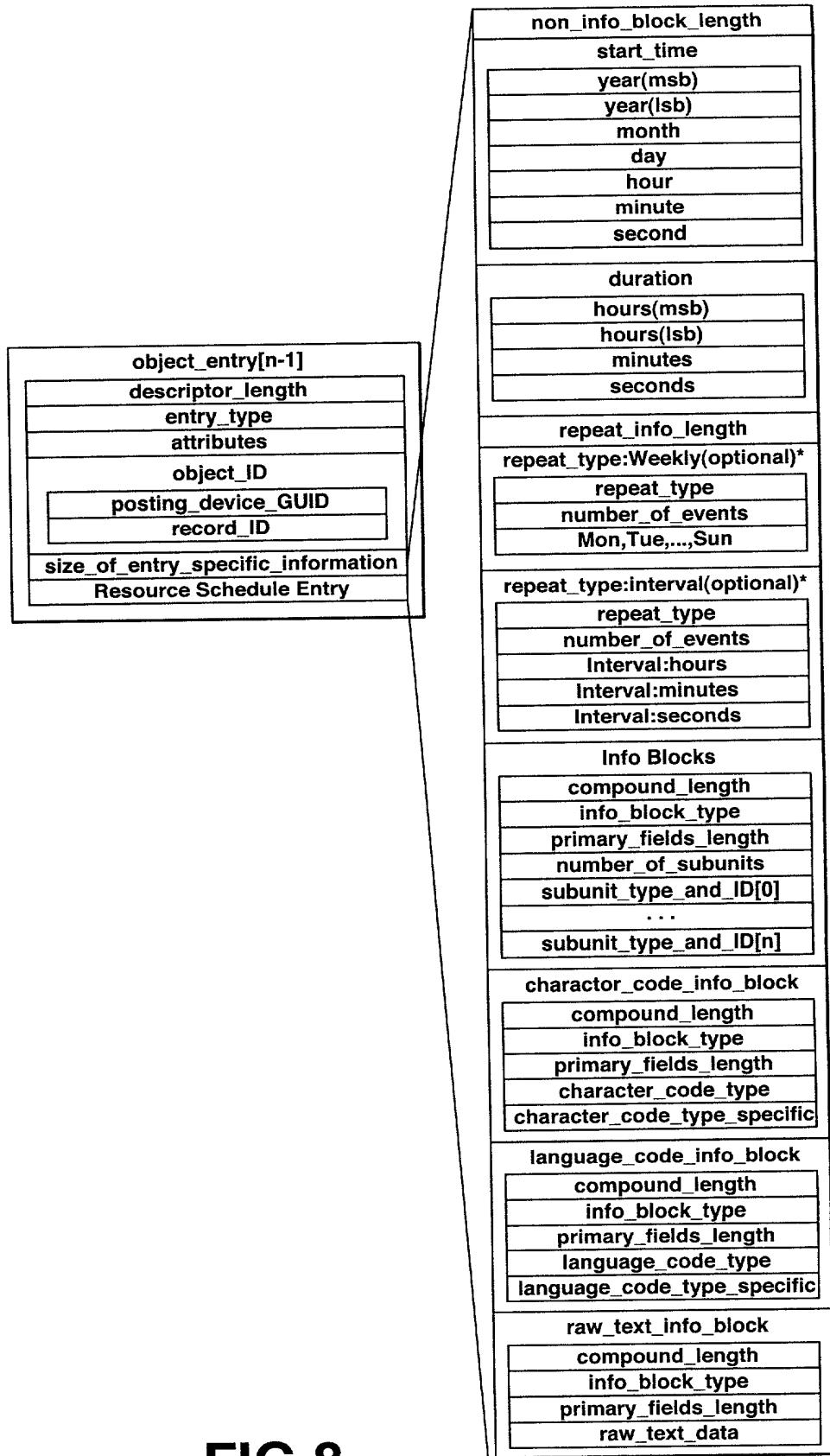


FIG.8

Address_offset	Contents
00 ₁₆	year(msb)
01 ₁₆	year(lsb)
02 ₁₆	month
03 ₁₆	day
04 ₁₆	hour
05 ₁₆	minute
06 ₁₆	second

FIG.9

Address_offset	Contents	
00 ₁₆	Reserved(4 bits)	hours(msb)
01 ₁₆	hours(lsb)	
02 ₁₆	minutes	
03 ₁₆	seconds	

FIG.10

Values	definition
00_{16}	Weekly schedule
01_{16} - $0F_{16}$	reserved
10_{16}	Interval schedule
$0F_{16}$ - FF_{16}	reserved

FIG.11

	msb							lsb
address_offset	contents							
$0E_{16}$	repeat_type							
$0F_{16}$	number_of_events							
10_{16}	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Reserved

FIG.12

address_offset	contents
0E ₁₆	repeat_type
0F ₁₆	number_of_events
10 ₁₆	Reserved(4 bits) Interval:hours(msb)
11 ₁₆	interval:hours(lsb)
12 ₁₆	interval:minutes
13 ₁₆	interval:seconds

FIG.13

address_offset	contents
00 ₁₆	compound_length
01 ₁₆	
02 ₁₆	info_block_type
03 ₁₆	
04 ₁₆	primary_fields_length
05 ₁₆	
06 ₁₆	number_of_subunits
07 ₁₆	subunit_type_and_ID[0]
:	:

FIG.14

character_code_info_block	
Adress_offset	Contents
00 00 ₁₆	compound_length
00 01 ₁₆	
00 02 ₁₆	info_block_type=00 08 ₁₆ (character_code_info_block)
00 03 ₁₆	
00 04 ₁₆	primary_fields_length
00 05 ₁₆	
00 06 ₁₆	character_code_type
00 07 ₁₆	
:	character_code_type_specific
:	

FIG.15

language_code_info_block	
Adress_offset	Contents
00 00 ₁₆	compound_length
00 01 ₁₆	
00 02 ₁₆	info_block_type=00 09 ₁₆ (language_code_info_block)
00 03 ₁₆	
00 04 ₁₆	primary_fields_length
00 05 ₁₆	
00 06 ₁₆	language_code_type
00 07 ₁₆	
:	language_code_type_specific
:	

FIG.16

raw_text_info_block	
Address_offset	Contents
00 0016	compound_length
00 0116	
00 0216	info_block_type=00 0A ₁₆ (raw_text_info_block)
00 0316	
00 0416	primary_fields_length
00 0516	
00 0616	
:	raw_text_data
:	

FIG.17

raw_text_data
CHANNEL
PROGRAM TITLE (PROGRAM)
CONTROL INFORMATION (REPLAY, RECORDING, STOP, ETC.)
REMARKS (PAY PER VIEW)
PROVIDER
PRELIMINARILY RESERVED

FIG.18

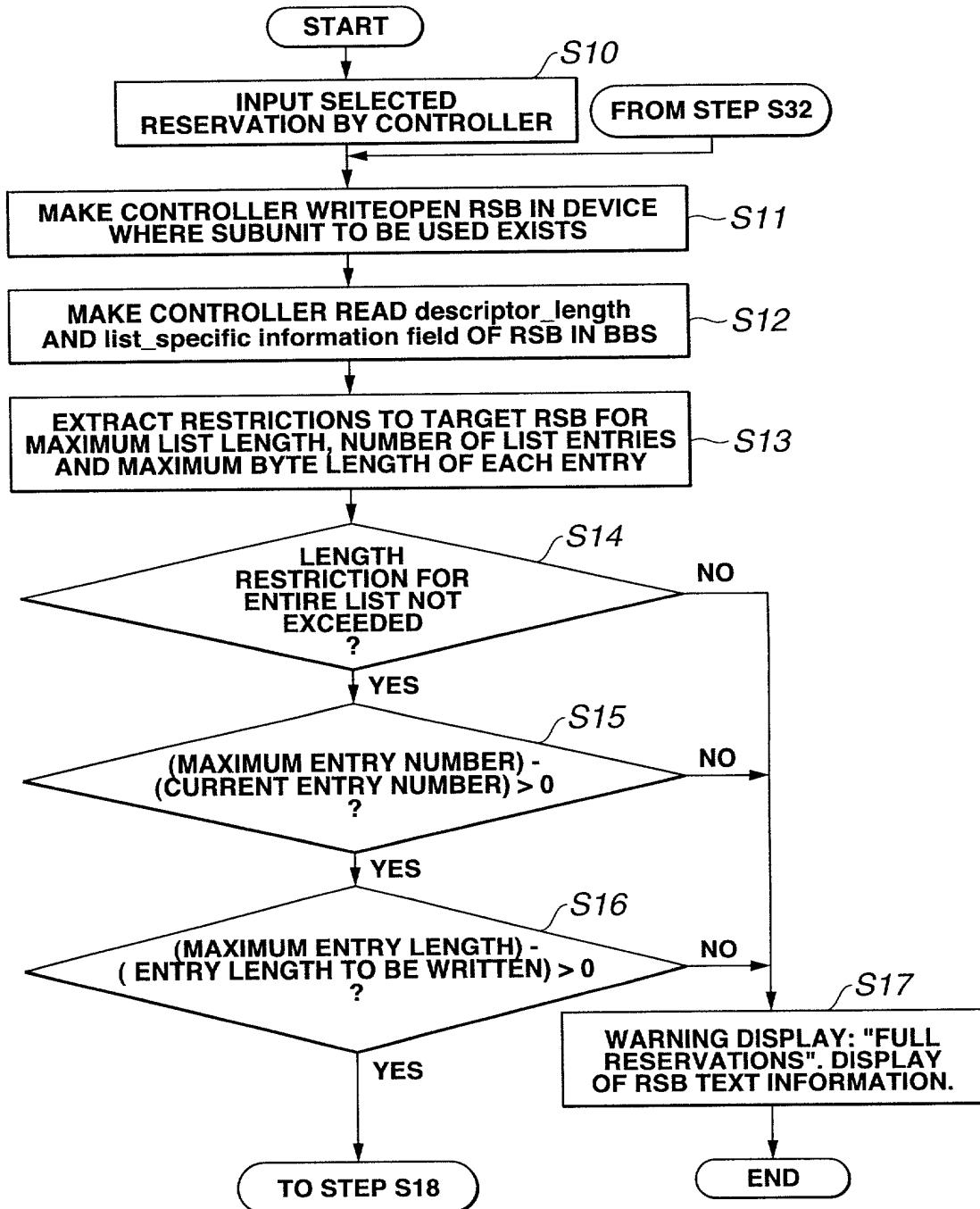


FIG.19

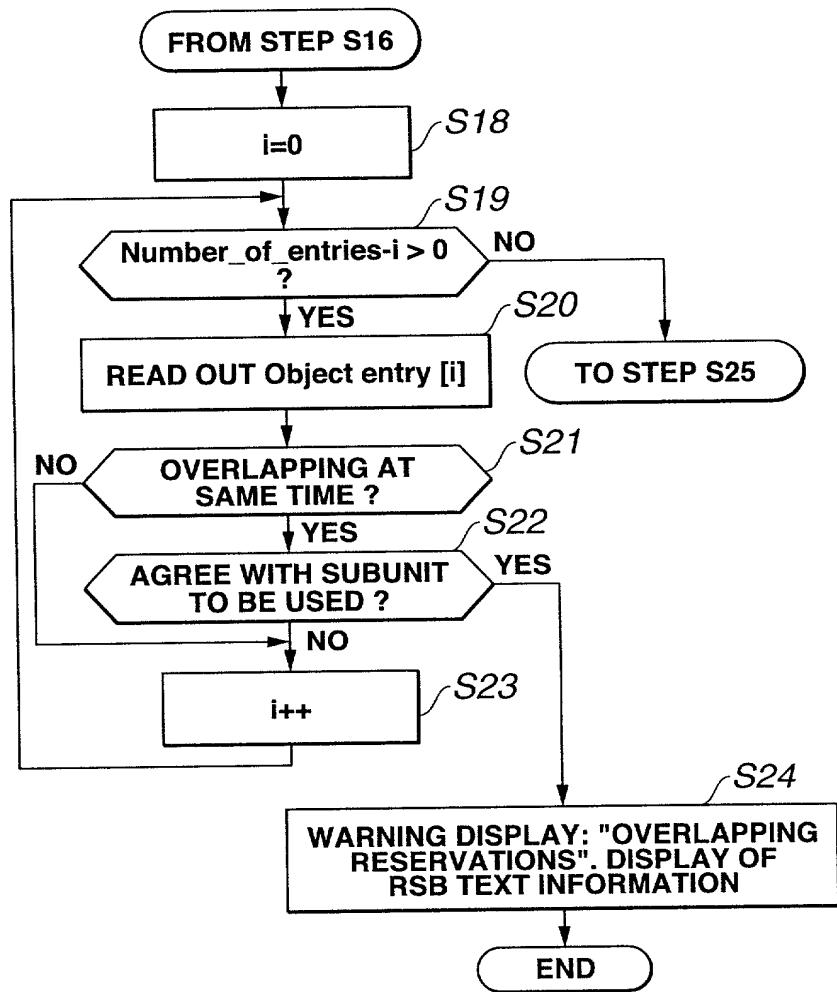


FIG.20

0097614416-031603

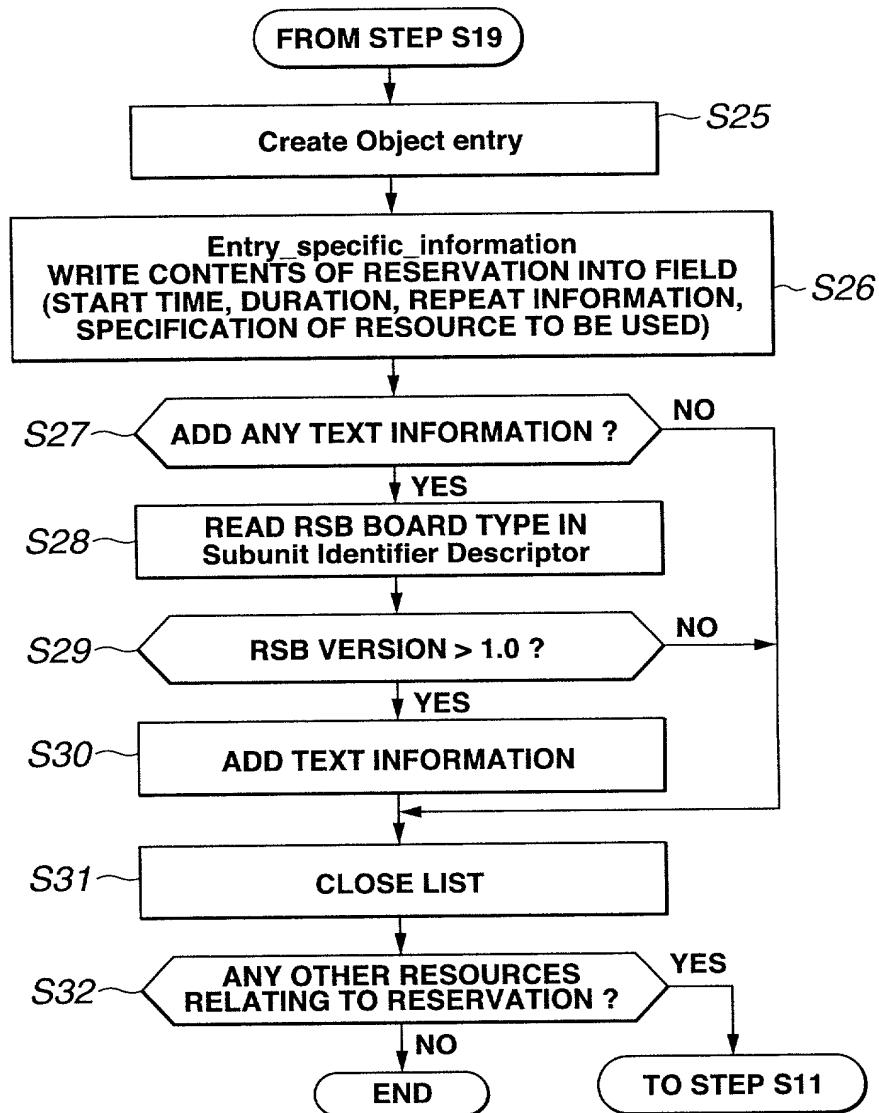


FIG.21

opcode	OPEN DESCRIPTOR					
operand 0	descriptor_type= 10_{16}					
operand 1	List ID: 00_{16}					
operand 2	List ID: 01_{16}					
operand 3	subfunction WRITE OPEN 03_{16}					
operand 4	reserved 00_{16}					

FIG.22

	msb							lsb
opcode	READ DESCRIPTOR (09_{16})							
operand 0	descriptor identifier							
operand 1	:							
:	:							
:	read_result_status							
:	reserved : 00_{16}							
:	data_length							
:	address							

FIG.23

	msb						lsb
opcode	CREATE DESCRIPTOR (00 ₁₆)						
operand 0	result						
operand 1	subfunction_1						
operand 2	reserved						
operand 3	subfunction_1_specification						
:							
:							

FIG.24

values of subfunction_1	meaning
00 ₁₆	create a new descriptor
01 ₁₆	create a new object and its child list
all other values	reserved for future specification

FIG.25

subfunction_1_specification for subfunction_1=01 ₁₆								
	msb							lsb
operand 3		descriptor_identifier_where						
:								
:								
:								
		descriptor_identifier_what_1						
:								
:								
:								
		descriptor_identifier_what_2						
:								

FIG.26

descriptor_type_of_descriptor_identifier_where	descriptor_type_of_descriptor_identifier_what_1	descriptor_type_of_descriptor_identifier_what_2	meaning
2016	2216	1116	Create an object and its child list. create the new object and place it in the location specified by where, the entry_type is specified by what_1. Also create the new list as the child of the new object. The list_type is specified by what_2.
		all other values	reserved for future specification

FIG.27

opcode	WRITE DESCRIPTOR (OA ₁₆)
operand 0	descriptor identifier
:	subfunction:partial_replace(50 ₁₆)
:	group_tag:immediate(00 ₁₆)
:	replacement_data_length
:	address
:	original_data_length
:	replacement_data

FIG.28

descriptor_length
generation_ID
size_of_list_ID
size_of_object_ID
size_of_object_position
number_of_root_object_lists(n)
root_object_list_id_0
...
root_object_list_id_n-1
subunit_dependent_information_length
subunit_dependent_information
non_info_block_fields_length
bulletin_board_subunit_version
number_of_supported_board_types(n)
supported_board_type_specific_info_length[0]
supported_board_type_specific_info[0]
supported_board_type
supported_board_type_version
implementation_profile_ID
supported_board_type_dependent_info_length
supported_board_type_dependent_info
...
supported_board_type_specific_info_length[n-1]
supported_board_type_specific_info[n-1]
supported_board_type
supported_board_type_version
implementation_profile_ID
supported_board_type_dependent_info_length
supported_board_type_dependent_info
optional blocks for future expansion
manufacturer_dependent_length
manufacturer_dependent_information

FIG.29

Value	List definition
1001_{16}	Resource Schedule List
$1002\text{-}10FF_{16}$	reserved

FIG.30

Address_offset	Contents
00 ₁₆	supported_board_type
01 ₁₆	supported_board_type_version
02 ₁₆	implementation_profile_ID
03 ₁₆	supported_board_type_dependent_information_length
04 ₁₆	
05 ₁₆	
:	
:	supported_board_type_dependent_information

FIG.31

opcode	OPEN DESCRIPTOR
operand 0	descriptor_type=10₁₆
operand 1	List ID:00₁₆
operand 2	List ID:01₁₆
operand 3	subfunction CLOSE 00₁₆
operand 4	reserved 00₁₆

FIG.32

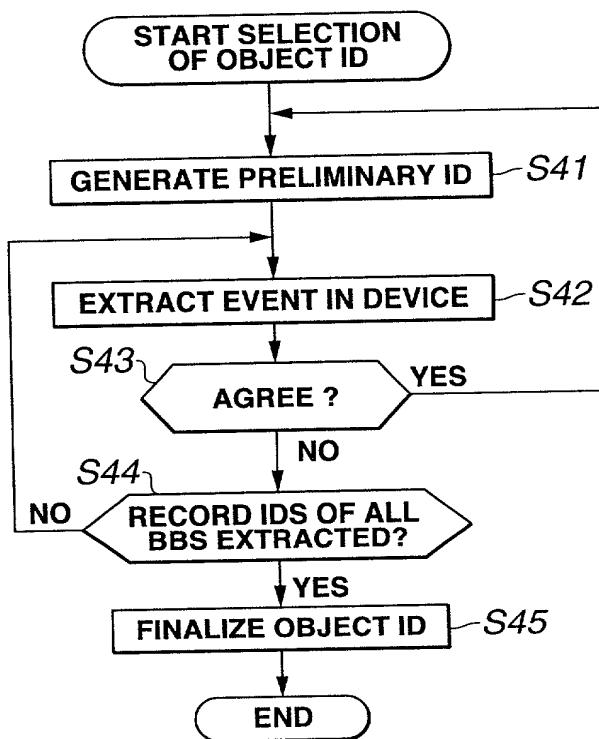


FIG.33

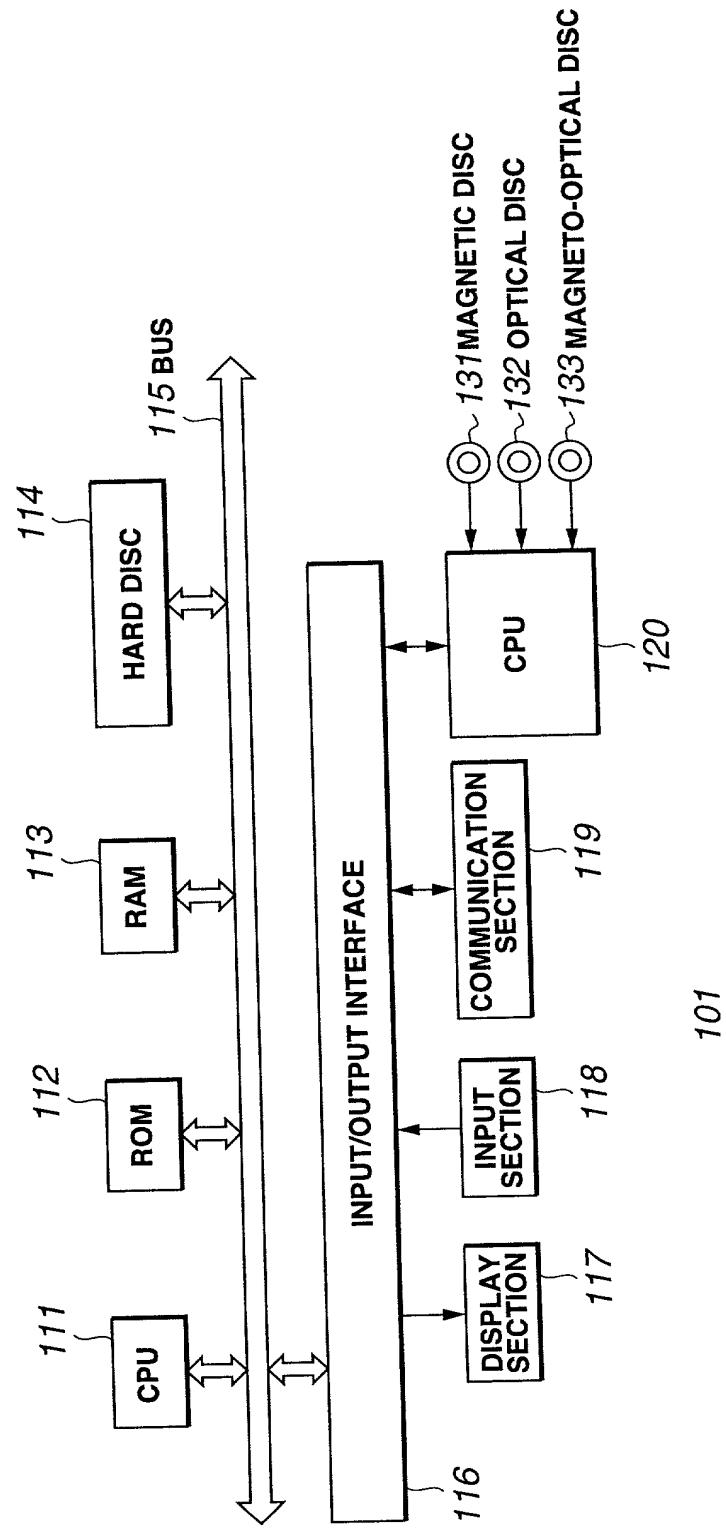


FIG.34